

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A method for determining charging related to a data bit transfer session, said bit transfer session involving bit transfer over a wireless communications link (214) under the control of a radio resource managing unit (204), which radio resource managing unit (204) dynamically determines the bandwidth on the wireless link available to the bit transfer session ~~that the bit transfer session is allowed to use characterised by the method comprising~~ the steps of :

a charging logic (212) receiving information from the radio resource managing unit (204) about the bandwidth on the wireless link that the bit transfer session is allowed to use; and said charging logic (212) determining the charging related to the bit transfer session based on said received information from the radio resource managing unit (204).

2. (Currently Amended) The method for determining charging according to claim 1 further comprising ~~characterised by~~

the charging logic (212) receiving said information from the radio resource managing unit (204) each time the bandwidth on the wireless link (214) available to the bit transfer session ~~that the bit transfer session is allowed to use~~ has changed.

3. (Currently Amended) The method for determining charging according to claim 1 further comprising ~~characterised by~~

the charging logic (212) receiving said information from the radio resource managing (204) unit at predetermined intervals.

4. (Currently Amended) The method for determining charging according to claim 1 further comprising ~~characterised by~~

the charging logic (212) receiving said information from the radio resource managing unit (204) each time the bandwidth on the wireless link (214) available to the bit transfer session ~~that the bit transfer session is allowed to use~~ has changed and the bandwidth change has been applied to the session for a predetermined period of time.

5. (Currently Amended) The method for determining charging according to claim 1 further comprising characterised by
the charging logic (212) receiving said information from the radio resource managing (204) unit at intervals which depend on the service type of the bit transfer session.

6. (Currently Amended) The method for determining charging according claim 1 to any of claims 1-5 further comprising characterised by
the charging logic (212) receiving said information from the radio resource managing unit (204) via an application server (209) which relays said information from the radio resource managing unit (206) to the charging logic (212).

7. (Currently Amended) The method for determining charging according to claim 1 any of claims 1-5 further comprising characterised by
the charging logic (212) receiving said information from the radio resource managing unit (204) via a mobile proxy (210) which relays said information from the radio resource managing unit (204) to the charging logic (212).

8. (Currently Amended) The method for determining charging according to claim 1 any of claims 1-7 further comprising characterised by
the charging logic (212) adapting the charging related to the bit transfer session such that the session is charged according to charging rates associated with a first charging class when the bandwidth on the wireless link (214) available to the bit transfer session ~~that the bit transfer session is allowed to use~~ is within a first predetermined interval and according to charging rates associated with a second charging class when

the bandwidth on the wireless link ~~(214)~~ available to the bit transfer session ~~that the bit transfer session is allowed to use~~ is within a second predetermined interval.

9. (Currently Amended) The method for determining charging according to claim 1 ~~any of claims 1-8~~ further comprising characterised by the charging logic ~~(212)~~ determining that the charging related to the bit transfer session should be zero when the bandwidth on the wireless link ~~(214f)~~ available to the bit transfer session ~~that the bit transfer session is allowed to use~~ is below a predetermined threshold level.

10. (Currently Amended) The method for determining charging according to claim 1 ~~any of claims 1-9~~ further comprising characterised by the charging logic ~~(212)~~ adapting the charging related to the bit transfer session based on said received information from the radio resource managing unit ~~(204)~~ such that the impact of said received information from the radio resource managing unit on the charging of the bit transfer session depends on the type of service of the bit transfer session.

11. (Canceled)

12. (Currently Amended) ~~A charging~~ Charging logic incorporated for use in a telecommunications charging system for determining charging related to a data bit transfer session, said bit transfer session involving bit transfer over a wireless communications link ~~(214)~~ under the control of a radio resource managing unit ~~(204)~~, which radio resource managing unit ~~(204)~~ dynamically determines the bandwidth on the wireless link available for the bit transfer session, the charging logic comprising ~~that the bit transfer session is allowed to use characterised in that the charging logic includes~~ reception means ~~(901)~~ for receiving information from the radio resource managing unit ~~(204)~~ about the bandwidth on the wireless link available for the bit transfer session ~~that the bit transfer session is allowed to use~~; and

charging determining means (902) for determining the charging related to the bit transfer session based on said received information from the radio resource managing unit (204).

13. (Currently Amended) The charging logic according to claim 12, wherein ~~characterised in that~~ said reception means (901) is arranged to receive said information from the radio resource managing unit (204) each time the bandwidth on the wireless link (214f) that the bit transfer session is allowed to use has changed.

14. (Currently Amended) The charging logic according to claim 12, wherein ~~characterised in that~~ said reception means (901) is arranged to receive said information from the radio resource managing (204) unit at predetermined intervals.

15. (Currently Amended) The charging logic according to claim 12, wherein ~~characterised in that~~ said reception means (901) is arranged to receive said information from the radio resource managing unit (204) each time the bandwidth on the wireless link (214) available to the bit transfer session ~~that the bit transfer session is allowed to use~~ has changed and the bandwidth change has been applied to the session for a predetermined period of time.

16. (Currently Amended) The charging logic according to claim 12, wherein ~~characterised in that~~ said reception means (901) is arranged to receive said information from the radio resource managing (204) unit at intervals which depend on the service type of the bit transfer session.

17. (Currently Amended) The charging logic according to claim 12 ~~any of claims 12-16~~ ~~characterised in that~~ wherein said reception means (901) is arranged to receive said information from the radio resource managing unit (204) via an application server (209) which relays said information from the radio resource managing unit (206) to the charging logic (212).

18. (Currently Amended) The charging logic according to claim 12 ~~any of claims 12-16 characterised in that~~ wherein said reception means (901) is arranged to receive said information from the radio resource managing unit (204) via a mobile proxy (210) which relays said information from the radio resource managing unit (204) to the charging logic (212).

19. (Currently Amended) The charging logic according to claim 12 ~~any of claims 12-18 characterised in that~~ wherein the charging determining means (902) is arranged to adapt the charging related to the bit transfer session such that the session is charged according to charging rates associated with a first charging class when the bandwidth on the wireless link (214f) available to the bit transfer session ~~that the bit transfer session is allowed to use~~ is within a first predetermined interval and according to charging rates associated with a second charging class when the bandwidth on the wireless link (214f) available to the bit transfer session ~~that the bit transfer session is allowed to use~~ is within a second predetermined interval.

20. (Currently Amended) The charging logic according to claim 12 ~~any of claims 12-19~~ characterised in that the charging determining means (902) is arranged to determine that the charging related to the bit transfer session should be zero when the bandwidth on the wireless link (214f) available to the bit transfer session ~~that the bit transfer session is allowed to use~~ is below a predetermined threshold level.

21. (Currently Amended) The charging logic according to claim 12 ~~any of claims 12-20~~ characterised in that the charging logic (212) is incorporated in a proxy node which further incorporates a mobile proxy.

22. (Currently Amended) The charging logic according to claim 12 ~~any of claims 12-20~~ characterised in that the charging logic (212) is incorporated in an application/service node which further incorporates an application logic.

23. (Currently Amended) The charging logic according to claim 12 ~~any of claims 12-20~~ characterised in that the charging logic (~~212~~) is incorporated in a charging node, which is a node dedicated to charging functionality.

24. (Currently Amended) The charging logic according to claim 12 ~~any of claims 12-23~~ characterised in that the charging determining means (~~902~~) is arranged to adapt the charging related to the bit transfer session based on said received information from the radio resource managing unit (~~204~~) such that the impact of said received information from the radio resource managing unit on the charging of the bit transfer session depends on the type of service of the bit transfer session.

25. (Canceled)